



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : John Edward Andrew Shaw et al. Art Unit : Unknown  
Serial No. : 10/030,040 Examiner : Unknown  
Filed : January 7, 2002  
Title : MICRO-FABRICATED SOLUBILITY MEASURING SYSTEM AND A  
METHOD FOR DETERMINING THE SOLUBILITY OF A SAMPLE

Commissioner for Patents  
Washington, D.C. 20231

REVOCATION AND NEW POWER OF ATTORNEY

Under 37 CFR §3.73(b) ASTRAZENECA AB (the "Assignee"), a corporation organized and existing under the laws of Sweden, having its head offices at S-151 85, Södertälje, Sweden, certifies that it is the assignee of 100% of the right, title and interest in the patent application identified above by virtue of an assignment from the inventors of the patent application identified above (copy enclosed). The assignment was filed with the Patent and Trademark Office on June 5, 2002.

The undersigned, whose title is supplied below, is empowered to act on behalf of the Assignee and hereby revokes all powers of attorney previously granted in the application. The undersigned instead appoints: Janis K. Fraser, Registration No. 34,819; Jeffrey Hsi, Registration No. 40,024; John W. Freeman, Registration No. 29,066; Timothy A. French, Registration No. 30,175; and William E. Booth, Registration No. 28,933, at Fish & Richardson P.C., 225 Franklin Street, Boston, Massachusetts 02110-2804, and Harold H. Fox, Registration No. 41,498, at Fish & Richardson P.C., 1425 K Street, N.W., Washington, D.C., 20005, with full power of substitution and revocation, to prosecute the patent and to transact all business in the United States Patent and Trademark Office connected therewith.

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Applicant : John Edward Andrew Shaw et al.  
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Page : 2

Attorney's Docket No.: 06275-  
291001 / DUF/JHU/Z70558/UST

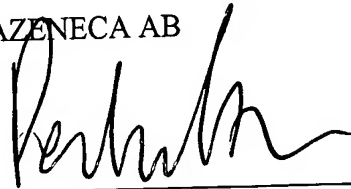
All correspondence regarding the patent should be sent to JANIS K. FRASER at:

FISH & RICHARDSON P.C.  
225 Franklin Street  
Boston, Massachusetts 02110-2804  
Telephone: (617) 542-5070  
Facsimile: (617) 542-8906

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the patent or any patents issued thereon.

Respectfully submitted,

ASTRAZENECA AB



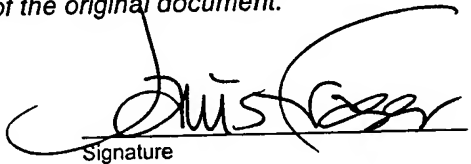
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Director IP Services and GI Franchise Litigation

Date: July 30, 2002



## RECORDATION FORM COVER SHEET PATENTS ONLY

Commissioner for Patents: Please record the attached original document(s) or copy(ies).	
1. Name of conveying party(ies): John Edward Andrew Shaw, Christopher Mathew Turner and Brian Law Additional name(s) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): AstraZeneca AB S-151 85 Södertälje SWEDEN <b>RECEIVED</b> DEC 10 2002 TC 1700 Additional names/addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: Execution Date: Shaw, November 15, 2001; Turner, November 29, 2001; and Law, November 9, 2001	
4. Application number(s) or patent number(s): If this document is being filed with a new application, the execution date of the application is: A. Patent Application No(s): 10/030,040 B: Patent No(s): Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
5. Name/address of party to whom correspondence concerning document should be mailed: JANIS K. FRASER, PH.D., J.D. Fish & Richardson P.C. 225 Franklin Street Boston, Massachusetts 02110-2804	6. Total number of applications/patents involved: 1 7. Total fee (37 CFR §3.41): \$40 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to charge Deposit Account. 8. Deposit Account No.: 06-1050 Please apply any additional charges, or any credits, to our Deposit Account No. 06-1050.
DO NOT USE THIS SPACE	
9. Statement and Signature: <i>To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.</i>  Janis K. Fraser, Ph.D., J.D. Reg. No. 34,819 Name of Person Signing  Signature:  Date: June 5, 2002	
Total number of pages including coversheet, attachments and document: 3	

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6/5/02  Lisa G. Gray  
Date of Deposit Signature Typed Name of Person Signing Certificate

## ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNOR (S),

**John-Edward Andrew Shaw, Christopher Mathew Turner, Brian Law**

Hereby sell(s), assign(s) and transfer(s) to ASSIGNEE, AstraZeneca AB, a company created and existing under the laws of Sweden, having its Head Office at S-151 85 Sodertalje, Sweden, and the successors, assigns and legal representatives of the ASSIGNEE the entire right, title and interest for the United States and its territorial possessions and in all foreign countries in and to, any and all improvements which are disclosed in the invention entitled: **MICRO-FABRICATED SOLUBILITY MEASURING SYSTEM AND A METHOD FOR DETERMINING THE SOLUBILITY OF A SAMPLE**

and which is found in

- (a) \_\_\_ U.S. patent application executed on even date herewith;
- (b) \_\_\_ U.S. patent application executed on;
- (c) X U.S. application serial no. Filed on 03<sup>RD</sup> July 2000
- (d) X International application no. PCT/GB00/02567

and any legal equivalent thereof in a foreign country, including the right to claim priority and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent any reissue or reexamination thereof;

ASSIGNOR(S) hereby covenant(s) that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment;

ASSIGNOR(S) further covenant(s) that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof. An attorney of record is authorized and requested by the execution of this assignment to insert into this assignment the filing date and serial number of said application when officially known.

Signed this

15 day of November, 2001

John Shaw  
John Edward Andrew Shaw

WITNESS: [Signature]  
DATE: 15.11.2001

WITNESS: [Signature]  
DATE: 15/11/01

29 day of November, 2001

Chris Turner  
Christopher Mathew Turner

WITNESS: [Signature]  
DATE: 29.11.01

WITNESS: [Signature]  
DATE: 29 November 2001

9 day of November, 2001

Brian Law  
Brian Law

WITNESS: David Hynes  
DATE: 9<sup>th</sup> November 2001

WITNESS: Cathy Marie Kynaston  
DATE: 9<sup>th</sup> November 2001